

Docket No. 424 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Interstate Reliability Project.

IRP Overhead ROW

Interim Week Inspection:

Date: July 25, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.03” on 7/24/2014

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-4 of 66 (Str. 7-24)
Coventry, CT: MS 5-7 of 66 (Str. 25-34)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly, CT: MS 47-50 (Str. 240-255)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Workers on site, no apparent drilling or structure work.

MS4, Str 22: Drilling operations.

MS15, Str 83: Drilling operations and dewatering into filter bag.

MS19, Str 100: Drilling operations.

MS20, Str 104: Drilling operations.

MS23, Str 122-124: Building roads and pads, delivery of construction materials

MS27, Str 140-144: Building of access road and delivery of materials at Str 140, demobilizing clearing crew at Str 141-143, clearing at Str 144.

MS28, Str 145: Clearing operations.

MS32, Str 166: Building of access road, delivery of construction materials.

MS48, Str 244: Rough grading of pad.

IRP Overhead ROW

Bi-Weekly Week Inspection:

Date: July 30, 2014

Inspector: John Corbo, E.I.T.

Rain Event: 0.46” on 7/27/2014

Locations Inspected (by Town, Map Sheet, and Structure Number/Site – reference Feb., 2014 D&M Plans):

Card Street Substation, Lebanon CT (CSSS)
Columbia, CT: MS 2-4 of 66 (Str. 7-24)
Coventry, CT: MS 5-7 of 66 (Str. 25-34)
Mansfield, CT: MS 8-17 of 66 (Str. 36-91)
Chaplin, CT: MS 18-23 of 66 (Str. 92-123)
Hampton, CT: MS 24-31 of 66 (Str. 124-161)
Brooklyn, CT: MS 31-44 of 66 (Str. 162-223)
Killingly, CT: MS 47-50 (Str. 240-255)

Work Observed: (by Map Sheet and Structure Number / Site)

CSSS: Drilling operations inside station, concrete foundation work, and dewatering into filter bag.

MS4, Str 21: Hanging conductor stringing blocks on Str 21.

MS5, Str 25: Drilling operations.

MS15, Str 83: Pouring concrete foundation for Str 83, dewatering into filter bag.

MS19, Str 100: Drilling operations.

MS20, Str 103-104: Drilling operations at Str 104, crane installation of Str 103.

MS23, Str 121: Installing geotech fabric over wetland mats, delivery of construction material, grading and compacting of structure pad.

MS26, Str 138: Building access road.

MS29, Str 150-153: Clearing operations and mowing.

MS31, Str 161-162: Delivery of construction materials, building of roads down-line of Str 162.

MS48, Str 246: Delivery of construction materials, rough grading.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week (7/25)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
	Bi-Week (7/30)	Adjacent roadways clear and free of sediment at all visited sites.	Continue to follow this procedure.	NA
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week (7/25)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
	Bi-Week (7/30)	Project clearing observed during inspection appears to be in accordance with D & M plans. Clearing crews utilizing timber mats in wet areas to prevent unnecessary rutting.	NA NA	NA NA
Water Crossings	Interim Week (7/25)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA

	Bi-Week (7/30)	All crossings appear to be functioning in accordance with the BMP Manual. No sediment appears to be entering the streams or wetlands.	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Interim Week (7/25)	Noted that stockpile areas along ROW are being surrounded with straw wattles and stabilized with blown straw.	Continue to follow this procedure.	NA
		Str 83: Contractors utilizing check dams and a filtration sock “dirt bag” in the dewatering basin for further filtration. (Photo 2)	Continue to follow this procedure.	NA
		Str 100: Spoils are being contained in “spin off” containers for removal to an offsite dewatering area. (Photo 3)	Continue to follow this procedure.	NA
Erosion and Sedimentation Controls	Bi-Week (7/30)	CSSS: Contractors utilizing filtration sock “dirt bag” for dewatering. (Photo 1)	Continue to follow this procedure.	NA
		Str 121: contractors installing filter fabric over wetland mats to protect against sedimentation. (Photo 6)	Continue to follow this procedure. NA	NA
		Str 144: Portion of silt fence damaged on side of entrance pad. (Photos 9 & 10)	NA	Northern crew immediately replaced portion of damaged silt fence.
Inland Wetland and Watercourse encroachment and mitigation	Interim Week (7/25)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA
		Str 100: Wetland mats in 100-year Floodplain and Floodway are tied to each other to prevent migration during a flood condition.	Continue to follow this procedure.	NA
	Bi-Week (7/30)	Mat installations in wetland areas are in accordance with the BMP Manual.	Continue to follow this procedure.	NA

Spills and Material Storage.	Interim Week (7/25)	Spill kits noted on all visited sites. Str 104: Noted child pools under drilling machinery for precautionary measures. (Photo 4)	Continue to follow this procedure. Continue to follow this procedure.	NA NA
	Bi-Week (7/30)	Spill kits noted on all visited sites. Str 104: Filter fabric surrounding drilling operations in wetland area. (Photo 5)	Continue to follow this procedure. Continue to follow this procedure.	NA NA
Cultural Resources	Interim Week (7/25)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
	Bi-Week (7/30)	Pads in cultural areas are being installed with a geotextile separation fabric and sand buffer layer prior to the installation of the pad material.	NA	NA
Rare, Threatened, and Endangered Species	Interim Week (7/25)	NA	NA	NA
	Bi-Week (7/30)	NA	NA	NA
Additional Documentation Comments: Notes for 7/25/2014: <ul style="list-style-type: none"> • Drilling operations ongoing at Str 22, Str 83, Str 100, Str 104. Notes for 7/30/2014: <ul style="list-style-type: none"> • CSSS: Ongoing drilling operation inside station. 				

- Drilling operation ongoing at Str 25, Str 100, Str 104.

Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection:

August 6, 2014

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Independent Field Inspector: John M. Corbo, EIT 7/31/2014

Owner's Field Inspector: _____

Reviewer: Paul Knapik 8/15/2014



Photo #1: Dewatering into filtration sock "dirt bag" inside CSSS.



Photo #2: Check dams and "dirt bag" installed in dewatering basin down-line of Str 83.



Photo #3: Spoils being contained in spin-off containers at Str 100. (7/25)



Photo #4: Child pool under machinery for precautionary measures at Str 104.



Photo #5: Filtration fabric covering surface for precautionary measures in wetland at Str 104.



Photo #6: Installing filtration fabric over wetland mats at Str 121.



Photo #7: Erosion control measures at edge of wetland at Str 121.



Photo #8: Clearing crews utilizing wetland mats to avoid rutting down-line of Str 153.



Photo #9: Portion of silt fence damaged at Str 144.



Photo #10: Portion of silt fence repaired immediately by northern crew at Str 144.